Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 11 Jan 2023 until 23:59 on Thursday 12 Jan 2023

Forecast Issued on Wednesday 11 Jan 2023 at 00:19

Confidence: High for unsettled, but lowering for the detail of timing and intensity of worst of weather due to the mobile nature of the westerly flow.

Headline for Wednesday 11 Jan 2023: Showers, these turning frequent and heavy during the afternoon. Periods of rain developing towards midnight. Windy.

Mountain weather hazards on Wednesday 11 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Cloudy	Heavy rain showers	Light rain showers	Cloudy	Light rain
Precipitation probability					
20%	30%	40%	40%	30%	40%

Forecast for Wednesday 11 Jan 2023

Weather: Scattered showers and brighter spells for the morning. Showers becoming heavier and more frequent for the afternoon and turning wintry at times across the highest peaks. Outbreaks easing early evening, then an area of rain spreads from the west towards midnight.

Chance of cloud-free hill tops above 600m: 80% during the morning becoming 30-40% for the afternoon.

Low cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases occasional down to 500m in the morning, more frequently so for the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 11 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/35 SW	26/35 SW	27/37 SW	29/40 SW	27/37 W	26/37 SW	20/28 SW
300	20/28 SW	19/28 SW	21/32 SW	24/36 SW	20/30 SW	17/28 SW	14/23 S
Valley	10/25 SW	11/25 SW	14/30 SW	15/33 SW	13/29 SW	12/26 SW	8/20 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-6	2/-5	3/-4	2/-5	1/-6	2/-5	3/-2
300	4/-1	4/-1	5/0	4/-1	4/-2	4/-1	6/2
Valley	5/1	5/1	6/2	5/1	4/-0	4/1	6/3
Freezing Level*	800m	900m	1000m	900m	700m	900m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill at height. Hill fog quite extensive for the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 11 Jan 2023	24.4mm	30.4mm	31.8mm

Forecast for Thursday 12 Jan 2023

Weather: Rather cloudy and showery with outbreaks turning heavy at times.

Maximum wind: West to southwest increasing for the afternoon to mean 25-30mph with gusts reaching 45mph over most exposed ridges and summits.

Chance of cloud-free hill tops above 600m: 70% for any one time, but very low for extended periods given the showery nature of the flow.

Low cloud and visibility: Good becoming moderate or poor in rain, very poor in snow and within cloud with bases quite frequently down to 500m

Temperature: **Valleys:** Plus 2 Celsius increasing 11 Celsius during the afternoon
At 600m: Plus 4 Celsius
Freezing level: 900m

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